

## Air at a pleasant temperature and as much as you need

If you are looking for a sensible heating system for large rooms, then we have the right TIP unit heater for you (or several). TIP unit heaters are extremely economical, infinitely adjustable and can be controlled centrally.

## For your convenience

Packed with a pre-assembled air louvre suitable for wall and ceiling installation. Manageable accessories with a 4-side outlet and 2-row air louvre for special requirements.











## Used almost anywhere

TIP unit heaters also work in the same places are your customers: in factory and production halls, in warehouses, in garden centres, on construction sites, in sports halls ...

## Limited space?

You really don't have any space? Then you can use the TIP unit heater. The self-supporting design of the TIP unit heater with its combined fan propeller and drive means that it can be used in the smallest of installation depths.



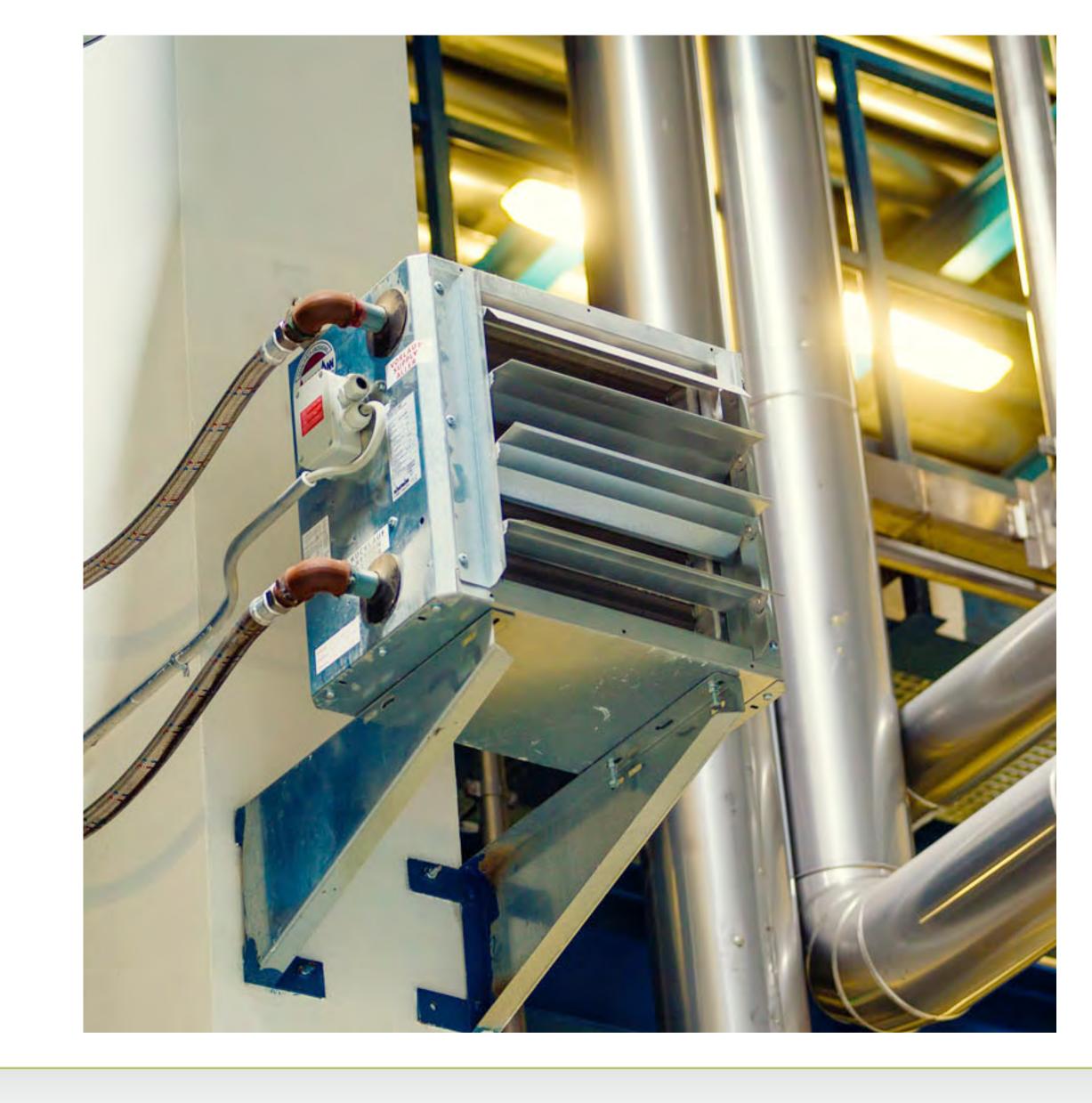


## Wherever you want

Install the TIP unit heater on the wall or ceiling; it's packed with flexibility direct from the factory.

## Always available

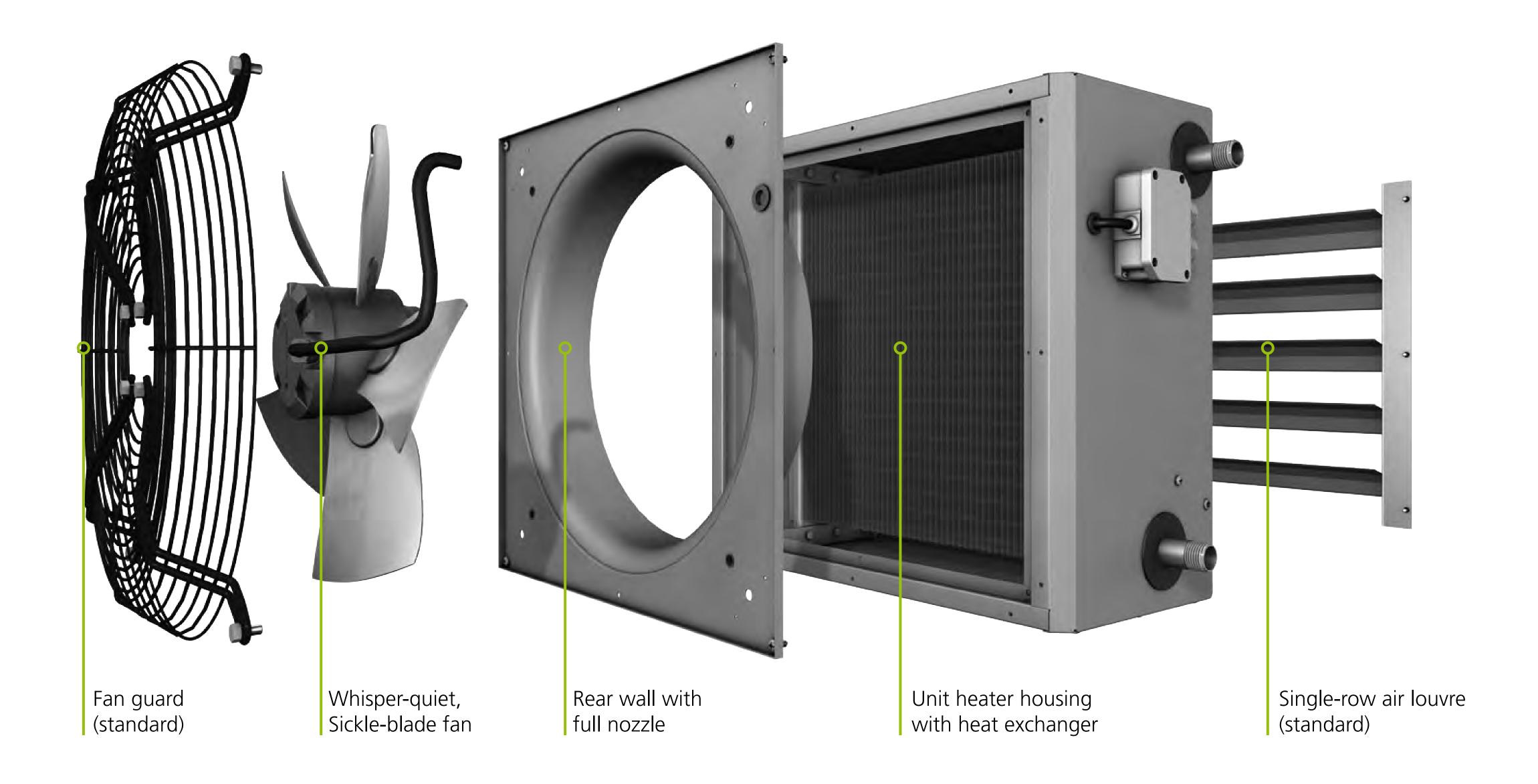
Order all TIP unit heater sizes from stock with a copper/aluminium heat exchanger and 2 stage 3-phase AC motor at short notice.





Details





Features

Details 1|3





#### TIP unit heater for wall installation

attached to wall brackets

A Wall brackets

Air outlet: single-row air louvre (standard)



to universal 4-point brackets with a diffuser in four directions

A Universal 4-point brackets

B Air outlet: diffuser



#### TIP unit heater for ceiling installation

to universal 4-point brackets with a diffuser

A Universal 4-point brackets

Air outlet: single-row air louvre (standard)

Features

Details 2 | 3



## Stage switch

#### for speed control



#### 2-stage 3-phase AC switch

with connection for room thermostat



#### 5-stage 3-phase AC controller

with connection for room thermostat and timer

## Compact controls for speed control

with an integral room temperature controller



### **Electronic 2-stage 3-phase AC controller**

- with integral digital timer with day, night, week program, room temperature controller
- room temperature sensor in a separate IP54 housing
- day/night changeover via potential-free contact (e.g. timer), room temperature controller with room temperature sensor in a separate IP54 housing



#### **Continuously variable control**

- ▶ for 230 V units
- day/night changeover via external potential-free contact (e.g. timer)
- room temperature controller with room temperature sensor in a separate IP54 housing
- continuously variable fan automation



Details 3 | 3



## Performance data

Size	Heat output 1)	Air flow volume	Sound pressure level 2)	Throw	max. installation height <sup>3)</sup>	Connection size
	[kW]	[m³/h]	[dB(A)]	[m]	[m]	[in]
54	11.1-18.0	1480-2360	49-55	12-18	4.1-5.5	1
55	17.7-30.9	2700-4140	51-59	13-23	5.0-6.5	1
56	27.3-47.9	3720-5680	51-58	17-28	5.1-7.2	1 1/4
57	43.4-77.2	6150-8770	57-61	22-38	6.5-8.0	1 ½

<sup>&</sup>lt;sup>1)</sup> at LPHW 75/65 °C, EAT = 20 °C



Details

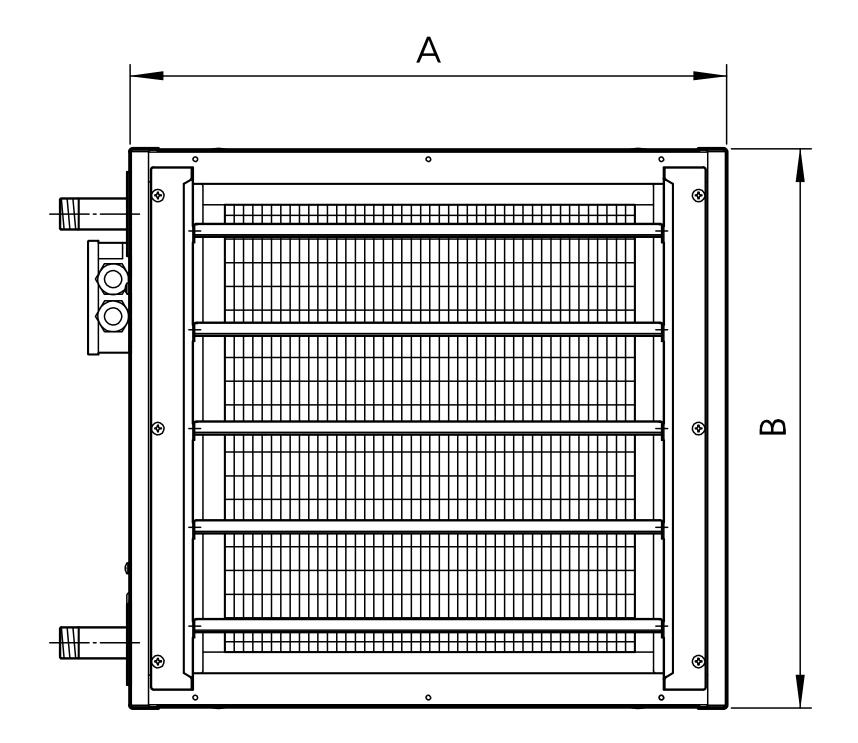
Data 1|2



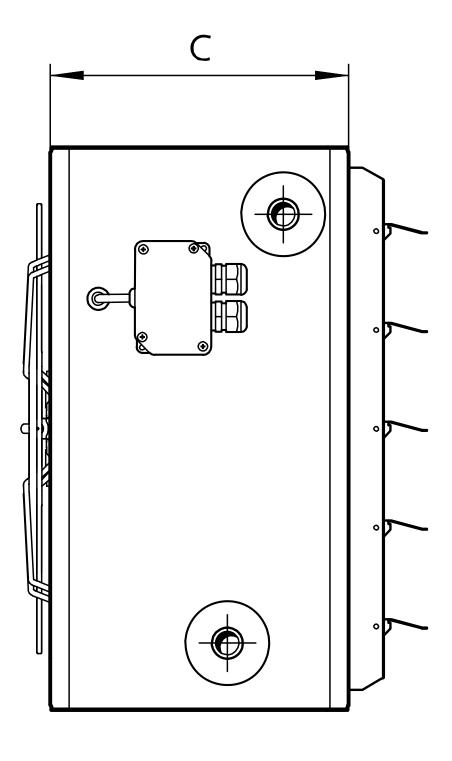
<sup>&</sup>lt;sup>2)</sup> The sound pressure level was calculated based on an expected room insulation of 16 dB(A). This corresponds to a distance of 5 m, a room volume of 3000 m<sup>3</sup> and a reverberation time of 2.0 s (in accordance with VDI 2081).

<sup>3)</sup> Installation height with air louvre

## Dimensions

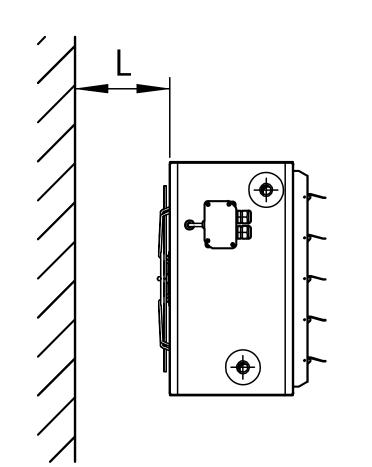




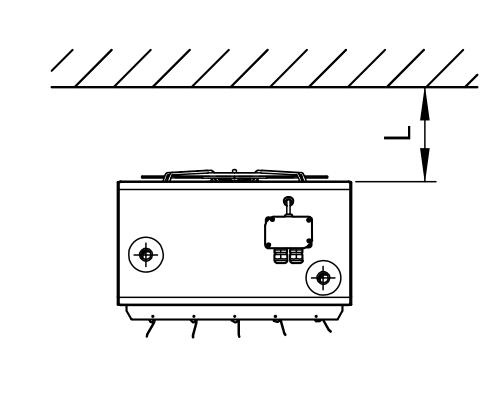


Side view

#### Wall installation



#### **Ceiling installation**



Size	A	В	C	L
	[mm]	[mm]	[mm]	[mm]
54	540	500	320	min. 160
55	640	600	320	min. 180
56	740	700	320	min. 230
57	840	800	360	min. 300

Features

Details

Data 2 2



# Benefits for you!

#### Kampmann offers you the following service benefits:

- on-site consultation
- design support
- system solutions
- site-surveys
- After Sales Service

Find your contact person here:

Kampmann.co.uk/contact



Details

